



# Shree Ram Multispeciality Hospital (SRMH)

Lokah Samasta Sukhino Bhavantu



PT. NAME : MRS. MADHU SAHU  
MOBILE NO : 8291679252 TEST NO 1258  
DOCTOR : DR. AJIT KUMAR  
REFERRED BY : SELF

AGE / SEX : 43Y/FEMALE  
UH ID NO. : SRMH-25011893  
COLLECTION : 30-01-2025  
REPORTING : 30-Jan-2025

18

## HAEMATOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BLOOD GROUPING AND RH TYPING</b>			
BLOOD GROUP	"A"		-
RH FACTOR	POSITIVE		-
<b>CBC (COMPLETE BLOOD COUNT)</b>			
HAEMOGLOBIN (Hb)	9.9	gm%	12 - 16
TOTAL RBC COUNT	3.99	Million/cumm	4.5 - 5.1
HAEMATOCRIT (PCV)	29.7	%	35.9 - 44.6
<b>RBC INDICES</b>			
MCV	89.6	fl	78 - 96
MCH	24.7	pg	27 - 32
MCHC	27.6	%	33 - 37
RDW	12.2	%	11 - 16
TOTAL WBC COUNT (TLC)	7800	/cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS	63	%	40 - 70
LYMPHOCYTES	33	%	22 - 48
EOSINOPHILS	02	%	0 - 6
MONOCYTES	03	%	0 - 8
BASOPHILS	00	%	00 -
PLATELET COUNT	2.68	/cumm	1.50 - 4.50
PCT	0.26	%	0.10 - 0.28
MPV(MEAN PLATELET VOLUME)	10.0	um <sup>3</sup>	8 - 11
PDW	16.1	%	11 - 18

-- End Of Report --

LAB TECHNICIAN

Dr. Dhananjay Prasad  
MBBS, MD (Pathologist)

Note : This Report is not for medicolegal purpose

Near Railway Under Bridge, Basant Vihar Gate No. 1, Gondwara Chowk,  
Gudhiyari, Raipur (Chhattisgarh)

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# SHREE RAM MULTISPECIALITY HOSPITAL

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BLOOD SUGAR - RANDOM (BSR/RBS)</b>			
BLOOD SUGAR RANDOM	85.5	mg / dl	70 - 120

## CLINICAL PATHOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>URINE SUGAR FASTING AND PP</b>			
URINE SUGAR RANDOM	Absent		Absent -

## HAEMATOTOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>ESR (ERYTHROCYTE SEDIMENTATION RATE)</b>			
ESR	18	mm at end of 1 h	0 - 20

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BUN (BLOOD UREA NITROGEN)</b>			
BUN	9.73	mg / dl	7.00 - 20.00
Serum Creatinine	0.87	mg / dl	0.55 - 1.20
BUN / Creatinine Ratio	11.1		10.1 - 20.1

## HbA1c -Glycosylated hemoglobin

HbA1c -Glycosylated hemoglobin	5.38	%	Normal Range : <6% Good Control : 6-7% fair Control : 7-8% Unsatisfactory Control : 8-10% Poor Control : >10% - 80 - 120
Estimated average plasma glucose	114.2	mg/dl	

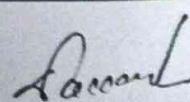
## UREA AND CREATININE

SERUM CREATININE	0.87	mg/dL	0.6 - 1.2
SERUM URIC ACID	6.14	mg/dL	3.6 - 7.7

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>LIVER FUNCTION TEST (LFT)</b>			
BILIRUBIN TOTAL	0.48	mg/dL	0.2 - 1
BILIRUBIN DIRECT	0.28	mg / dl	0.1 - 0.6
BILIRUBIN INDIRECT	0.20	mg / dl	0.1 - 0.4
SGOT	31.4	U / L	0 - 46
SGPT	27.9	U / L	0 - 40
ALKALINE PHOSPHATASE	218.4	U / L	0 - 240
TOTAL PROTEIN	6.21	g / dl	6 - 8
ALBUMIN	3.69	g/dl	3.5 - 5.0
GLOBULIN	2.52	g / dl	2 - 3.5
A/G RATIO	1.46		1 - 2.5

### Clinical Significance

**Alanine transaminase (ALT)**

ALT is an enzyme found in the liver that helps your body metabolize protein. When the liver is damaged, ALT is released into the bloodstream and levels increase.

**Aspartate transaminase (AST)**

AST is an enzyme that helps metabolize alanine, an amino acid. Like ALT, AST is normally present in blood at low levels. A increase in AST levels may indicate liver damage or disease or muscle damage.

**Alkaline phosphatase (ALP)**

ALP is an enzyme in the liver, bile ducts and bone. Higher-than-normal levels of ALP may indicate liver damage or disease, such as a blocked bile duct, or certain bone diseases.

**Albumin and total protein**

Albumin is one of several proteins made in the liver. Your body needs these proteins to fight infections and to perform other functions. Lower-than-normal levels of albumin and total protein might indicate liver damage or disease.

**Bilirubin.**

Bilirubin is a substance produced during the normal breakdown of red blood cells. Bilirubin passes through the liver and is excreted in stool. Elevated levels of bilirubin (jaundice) might indicate liver damage or disease or certain types of anemia.

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### BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>LIPID PROFILE</b>			
CHOLESTEROL	181.6	mg / dl	150 - 220
SERUM TRYGLYCERIDE	99.4	mg / dl	60 - 165
HDL	36.5	mg / dl	35 - 80
LDL	145.1	mg/dL	90 - 160
VLDL	19.88	mg/dL	20 - 50
CHOLESTEROL / HDL RATIO	4.97	mg/dL	3.5 - 5.5
LDL/HDL Ratio	3.97	mg / dl	2.5 - 3.5


### IMMUNOASSAY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>THYROID PROFILE (T3, T4, TSH)</b>			
T3 (TRIIODOTHYRONINE)	1.42	ng/ml	0.8 - 2
T4 (THYROXINE)	8.38	ug/dl	5.13 - 14.06
TSH	1.78	uIU/ml	0.27 - 4.2

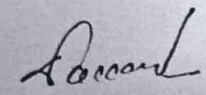
### PATHOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT	16.4	U / L	6.00 - 29.00

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**CLINICAL PATHOLOGY**

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>URINE ROUTINE AND MICROSCOPY</b>			
<b>PHYSICAL EXAMINATION</b>			
QUANTITY	20	ml	-
COLOUR	Colourless		Pale Yellow -
APPEARANCE	Clear		Clear -
REACTION	Acitic		Acitic -
<b>CHEMICAL EXAMINATION</b>			
ALBUMIN	Absent		Absent -
SUGAR	Absent		Absent -
KETONE	Absent		Absent -
BILE SALT	Absent		Absent -
BILE PIGMENT	Absent		-
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	3-4	/hpf	2 - 5
EPITHELIAL CELLS	1-2	/hpf	1 - 5
RBC	Nil	/hpf	0 - 3
CAST	Nil	/lpf	Nil -
YEAST	Nil		Nil -
CRYSTAL	Nil	/lpf	Nil -
BACTERIA	Nil		Nil -
OTHERS	-		-

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